Foundations of Algebra

Module 3: Proportional Reasoning

MODULE ANALYSIS TABLE

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| **Lesson** | **Time allotment** | **Compress/possibly omit/must have** |
| 1. Equivalent Fractions | 45-60 min | Possibly omit if students are proficient with equivalent fractions |
| 1. Snack Mix | 45-60 min | Must have |
| 1. What Is a Unit Rate? | 60-90 min | Compress part 1—have different groups do each scenario |
| 1. Proportional Relationships | 90-120 min | Must have |
| 1. Orange Fizz Experiment | 90-120 min | Keep for intervention task after you do FAL in #6 below |
| 1. Proportion and Non-proportion Situations | 90 min | Good Formative Assessment Lesson |
| 1. Quick Check 1 | 60 min | Possibly omit if students perform well on FAL |
| 1. Fish in a Lake | 60-90 min | Check to see if students have done in another class |
| 1. Which Is the Better Deal? | 45 min | Must have |
| 1. 25% Sale | 45 min | Compress and use for opener for #11 below |
| 1. Which Bed, Bath and Beyond Coupon Should I Use? | 60-90 min | Must have |
| 1. Increasing and Decreasing Quantities by a Percent | 120 min | FAL must have |
| 1. Quick Check 2 | 60 min | Possibly omit if students perform well on FAL |
| 1. What’s My Line? | 60-90 min | Must have—good use of multiple representations |
| 1. Nate and Natalie’s Walk | 60-90 min | Must have |
| 1. Rectangle Families | 90-120 min | Good hands-on task |
| 1. Quick Check 3 | 60 min | Possibly omit if students perform well on Rectangle Families task |
| 1. “Illustrative” Review | NA | Consider using these task for openers and exit tickets |
| 1. Nana’s Chocolate Mix | 45-60 min | Good culminating task |
| TOTAL | ~25 days | Note: Quick Checks can also be used for HW |